

SEQUENCE LISTING

<110> South African Sugar Association

<120> The Regulation and Manipulation of Sucrose Content in Sugarcane

<130> PA128784

<150> ZA 2000/0574

<151> 08.02.2000

<160> 2

<210> 1

<211> 1170

<212> DNA

<213> Saccharum officinarum

<400> 1

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| gaagcaaacc | cttaagaacg | tcacaaacta | cattactgat | atcatctgca | 150 |
| agcgtgcaga | tcttggttac | aactatgggg | ttatccttat | accagaaggc | 200 |
| ctgattgatt | tcatcccaga | ggttcaaaaa | ctcatcgag | aattgaatga | 250 |
| aattttggca | catgatgtgg | ttgatgaggc | aggggcctgg | aaaagcaagc | 300 |
| ttcagcctga | atcaaaggag | ctgtttgagt | ttttgccaa | aactattcag | 350 |
| gagcaactta | tgcttgaaag | gggcccccat | ggcaatgttc | aggttgcaaa | 400 |
| aattgaaacc | gagaaaatgc | ttattagcat | ggtggaaact | gaactggaga | 450 |
| agagaaaagc | agaggggaga | tactctgcac | atttcagagg | gcaagctcat | 500 |
| ttctttgggt | cgaaggaag | atgtggcctt | cctaccaatt | ttgattctaa | 550 |
| ctattgctat | gcattaggct | atggtgctgg | tgcccttctc | caaagtggga | 600 |
| agacaggact | tatttcacg | gttggaacc | ttgcggctcc | agtagaagaa | 650 |
| tggactgttg | gtggaacagc | attgacatca | ctgatggatg | ttgagaggag | 700 |
| gcatggcaag | ttcaagccag | tgatcaagaa | ggctatggtg | gaacttgatg | 750 |
| ctgcaccttt | caagaaatat | gcatcaatgc | gggatgagtg | ggccaccaag | 800 |

| | | | | | |
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| aacagataca | tcagccctgg | ccccatccag | ttcagtggcc | ctggaagtga | 850 |
| tgactcgaac | cacacttga | tgctggaact | cggtgctgag | ttatagagat | 900 |
| gcgtccttg | cttattttg | tttctacag | ttttgggagt | ggagactgga | 950 |
| cactgggtct | cctggagcag | cctgcagtct | ccatatttg | aattgttaa | 1000 |
| taagaggtc | gatgtgagtt | ttctgcgtag | cggactggat | gtagcaaata | 1050 |
| agaactgggt | ttagcathtt | ttgtatgatt | tacgcaccaa | ctgactgtc | 1100 |
| ttgtaaccct | gattctgttc | cactggtgc | aatctcgtga | gaatgaacaa | 1150 |
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<211> 1668

<212> DNA

<213> Saccharum officinarum

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| ccgtcctctg | ctccaattc | tccctcgtcg | atggacctcc | cagctcagcc | 150 |
| acggggaacc | cggatgagat | cgccaagctg | ttccctaact | tgtttgggca | 200 |
| gccgtcggcg | acattggtgc | cggccaaaga | ggcggaggag | gggaaggcgc | 250 |
| tgaaggctcg | ggtggtgctc | tctggtggac | aagcaccg | tgggcacaa | 300 |
| gtgatctcg | gtatcttga | tttctgcag | aaacacgcaa | agggaagcac | 350 |
| aatgtatgga | ttcaaaggag | gccagcagg | ggtgatgaag | tgcaagtacg | 400 |
| tcaaactcaa | taccgatttc | gtctatccct | acagaaacca | gggtggttt | 450 |
| gatatgatct | gtagtgaag | ggataagatt | gaaacaccag | agcagtttaa | 500 |
| gcaagccgaa | gatacagcca | acaaactga | gttgacgga | cttgtgtta | 550 |
| ttggacggga | cgattcaa | actcatgctt | gcctcttgc | tgaatacttc | 600 |
| aggagtaaaa | attgaaaac | ccgtgtcatt | ggctgcccaa | agaccattga | 650 |
| tggtgatctc | aaatgcaaag | aggtccaac | cagtttga | ttgacactg | 700 |
| catgcaagat | ctattcagaa | atgattgaa | atgtcatgat | tgatgccga | 750 |

| | | | | | |
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| tcacattaca | ttgggatgcg | ctttgcaaac | acaccccaat | gctgcactca | 850 |
| ttggggaaga | ggttgctgca | aagaagcaaa | ccctaagaa | cgtcacaaac | 900 |
| tacattactg | atatcatctg | cgagcgtgca | gatcttggtt | acaactatgg | 950 |
| tgttatcctt | ataccagaag | gcctgattga | tttcatccca | gagggtgcaga | 1000 |
| atatcattgc | tgaattgaat | gaaattttgg | cacatgatgt | tgttgatgag | 1050 |
| gcaggggcct | ggaaaagcaa | gcttcagcct | gaatcaaagg | agctgtttga | 1100 |
| gttttgccc | aaaactattc | aggagcaact | tatgcttgaa | aggggcccc | 1150 |
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| atggtggaaa | ctgaactgga | gaagagaaaa | gcagagggga | gataactctgc | 1250 |
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SEQUENCE LISTING

<110> South African Sugar Association

<120> The Regulation and manipulation of Sucrose Content in Sugarcane

<130> PA128784

<140> US 09/779,237

<141> 2001-02-08

<160> 2

<170> PatentIn version 3.0

<210> 1

<211> 1176

<212> DNA

<213> Saccarum officinarum

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